16. (Amended) A method of identifying relationships among different visualizations of a plurality of data sets, each data set comprising a set of objects, comprising the steps of:

displaying first graphical results of a first type analysis performed on selected attributes of a first data set, wherein the selected attributes comprise a plurality of data types;

displaying second graphical results of a second type analysis performed on selected attributes of a second data set;

selecting certain objects represented in said first graphical results; and

highlighting corresponding objects represented by said second graphical results that correspond to aid certain objects.

Applicants propose to add new claims 65-67 as follows:

65. (New)   A method for analyzing data for different data types, comprising:

selecting a set of attributes associated with an object, wherein the attributes selected comprise a plurality of data types selected from a group consisting of a text data type, a numerical data type, a nominal or ordinal categorical data type, and a genomic sequence data type;

transforming the selected attributes into n-dimensional vectors;

applying transformation operations to the selected attributes;

indexing the n-dimensional vector, certain attributes, and a result of the transformation operations; and

displaying a representation of the object based on the selected attributes.

66. (New)   A method for analyzing data for different data types, comprising:

selecting a set of attributes associated with an object, wherein the attributes selected

comprise a plurality of data types selected from a group consisting of a numerical data type, a

nominal or ordinal categorical data type, and a genomic sequence data type;

transforming the selected attributes into n-dimensional vectors;

applying transformation operations to the selected attributes;

indexing the n-dimensional vector, certain attributes, and a result of the transformation

operations; and

displaying a representation of the object based on the selected attributes.

67. (New)   A method for analyzing data for different data types, comprising:

selecting a set of attributes associated with an object, wherein the attributes selected

comprise a plurality of data types selected from a group consisting of a text data type, a nominal

or ordinal categorical data type, and a genomic sequence data type;

transforming the selected attributes into n-dimensional vectors;

applying transformation operations to the selected attributes;

indexing the n-dimensional vector, certain attributes, and a result of the transformation

operations; and

displaying a representation of the object based on the selected attributes.